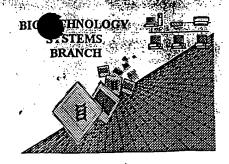
RAW SEQUENCE LISTING ERROR REPORT





The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/820,843Source: $0/P \in 4/18/2001$

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u> <u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K. compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected foresult in fewer errored sequence listings, thus saying time and money.

Checker/Version 30 can be down baded from the USPAC website withe following address:
https://www.cusp.bygov/web/offices/pac/checker

ERROR DETECTED SUGGESTED CORRECTION SERIAL NUMBER: 09/820,843

ATTN	: NEW RULES CASES: P	LEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
1	Wrapped Nucleics	The number/text at the end of each line "wrapped" down to the next line.
		This may occur if your file was retrieved in a word processor after creating it.
		Please adjust your right margin to .3, as this will prevent "wrapping".
2	Wrapped Aminos	The amino acid number/text at the end of each line "wrapped" down to the next line.
		This may occur if your file was retrieved in a word processor after creating it.
		Please adjust your right margin to .3, as this will prevent "wrapping".
3	Incorrect Line Length	The rules require that a line not exceed 72 characters in length. This includes spaces.
4	Misaligned Amino Acid	The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
	Numbering	between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
5	Non-ASCII	This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
		Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
6	Variable Length	Sequence(s) contain n's or Xaa's which represented more than one residue
	•	As per the rules, each in or Xaa can only represent a single residue.
		Please present the maximum number of each residue having variable length and
		indicate in the (ix) feature section that some may be missing
7	Patentin ver. 2.0 "búg"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
	•	sequence(s) Normally, Patentin would automatically generate this section from the
		previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
		to the subsequent amino acid sequence. This applies primarily to the mandatory <220>~223>
		sections for Artificial or Unknown sequences.
8	Skipped Sequences	Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
	(OLD RULES)	(2) INFORMATION FOR SEQ ID NO:X:
	•	(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
		(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
		This sequence is intentionally skipped
		Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
9	Skipped Sequences	Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
	(NEW RULES)	<210> sequence id number
		<400> sequence id number
1		000
۰ <u> </u>	Use of n's or Xaa's	Use of n's and/or Xaa's have been detected in the Sequence Listing.
	(NEW RULES)	Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
	,	In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
1	Use of "Artificial"	Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules.
	(NEW RULES)	Valid response is Artificial Sequence.
2	Use of <220>Feature	Sequence(s) are missing the <220>Feature and associated headings.
	(NEW RULES)	Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial Sequence" or "Unknown"
		Please explain source of genetic material in <220> to <223> section.
		(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
з	Patentin ver. 2.0 "bug"	Please do not use "Copy to Disk" function of Patentin version 2.0. This causes a corrupted
		file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
		Instead, please use "File Manager" or any other means to copy file to floppy disk.

AMC - Biotechnology Systems Branch - 4/06/2001

OIPE

```
DATE: 04/18/2001
                     RAW SEQUENCE LISTING
                                                              TIME: 07:35 Does Not Comply
                     PATENT APPLICATION: US/09/820,843
                                                                     Corrected Diskette Needed
                     Input Set : A:\ES.txt
                     Output Set: N:\CRF3\04182001\I820843.raw
                                                                              see p.6, too
         10> APPLICANT: Council of Scientific and Industrial Research
        <120> TITLE OF INVENTION: A COMPUTATIONAL METHOD FOR THE IDENTIFICATION OF CANDIDATE PROTEINS
           USEFUL AS ANTI-INFECTIVES
      8 <130> FILE REFERENCE: Q63915
> 10 <140 > CURRENT APPLICATION NUMBER: US/09/820,843
10 <141 > CURRENT FILING DATE: 2001-03-30
     10 <160> NUMBER OF SEQ ID NOS: 118
     12 <170> SOFTWARE: PatentIn version 3.0
                                               use underscore, not hyphen
     14 <210> SEQ ID NO: 1
     15 <211> LENGTH: 51
     16 <212> TYPE: PRT
     17 <213> ORGANISM: C. jejuni
    19 <220> FEATURE:
19 <220> FEATURE:
4--> 20 <221> NAME/KEY: Misc-feature misc feature
    21 <223> OTHER INFORMATION: highly acidic protein
     24 <220> FEATURE:
i--> 25 <221> NAME/KEY: misc-feature
     26 <223> OTHER INFORMATION: gi|6967728
     29 <400> SEQUENCE: 1
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     34 Glu Asp Glu Glu Tyr Pro Gln Asn His His Lys Asn Tyr Asn Tyr Asp
                   20
                                        25
     37 Asp Asp Asp Tyr Glu Tyr Asp Asp Asp Asn Asn Asp Asp Asp Phe Tyr
                                    40
               35
     38
     40 Glu Met Asp
           50
     41
     43 <210> SEQ ID NO: 2
     44 <211> LENGTH: 32
     45 <212> TYPE: PRT
     46 <213> ORGANISM: C. jejuni
     48 <220> FEATURE:
     49 <221> NAME/KEY: misc_feature
     50 <223> OTHER INFORMATION: small hydrophobic protein
     53 <220> FEATURE:
     54 <221> NAME/KEY: misc_feature
     55 <223> OTHER INFORMATION: gi|6969129
     58 <400> SEQUENCE: 2
     60 Met Thr Met Leu Asp Ile Phe Glu Ile Ile Phe Ile Thr Thr Val Val
                                             10
     61 1
     63 Ile Ile Gly Phe Gly Gly Ile Val Phe Val Val Thr Lys Glu Lys Lys
                    20
                                         25
     66 <210> SEQ ID NO: 3
     67 <211> LENGTH: 57
     68 <212> TYPE: PRT
     69 <213> ORGANISM: C. jejuni
     71 <220> FEATURE:
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RAW SEQUENCE LISTING DATE: 04/18/2001 PATENT APPLICATION: US/09/820,843 TIME: 07:35:07

Input Set : A:\ES.txt

Output Set: N:\CRF3\04182001\I820843.raw

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73 <223> OTHER INFORMATION: putative coiled coil protein
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77 <221> NAME/KEY: misc_feature
78 <223> OTHER INFORMATION: gi|6968493
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                                       10
84 1
86 Leu Asn Asn Gln Glu Leu Ala Leu Asp Glu Ser Val Lys Ile Tyr Lys
              2.0
                                   25
                                                       30
89 Glu Gly Leu Glu Ser Ile Lys Lys Ala Arg Leu Glu Leu Glu Lys Ala
90 35
                              4 C
92 Lys Leu Glu Val Glu Gln Ile Asp Glu
     50
95 <210> SEQ ID NO: 4
96 <211> LENGTH: 542
97 <212> TYPE: PRT
98 <213> ORGANISM: C. jejuni
100 <220> FEATURE:
101 <221> NAME/KEY: misc_feature
102 <223> OTHER INFORMATION: highly acidic protein
105 <220> FEATURE:
106 <221> NAME/KEY: misc_feature
107 <223> OTHER INFORMATION: gi|6968611
110 <400> SEQUENCE: 4
112 Met Lys Ile Leu Leu Leu Asn Glu Asn Pro Val Val Ser Arg Leu Val
                                        10
                   5
115 Ser Leu Ser Ala Lys Lys Met Ser Tyr Asp Phe Glu Glu Leu Asn Ala
                                    25
               20
118 Tyr Ser Glu Asn Leu Gly Asn Tyr Asp Val Ile Val Val Asp Ser Asp
            35
                                40
119
121 Thr Pro Ala Pro Leu Lys Ile Leu Lys Glu Lys Cys Asp Arg Leu Ile
                            55
124 Phe Leu Ala Pro Arg Asn Gln Asn Val Glu Asp Ile Asp Ala Gln Ile
                        70
125 65
127 Leu Gln Lys Pro Phe Leu Pro Thr Asp Phe Leu Asn Leu Leu Asn Asn
                    85
                                        90
130 Lys Asp Ala Asn Lys His Thr Ser Ile Asp Leu Pro Met Leu Ser Asn
                                                        110
                100
                                    105
133 Asp Glu Asn Pro Tyr Ala Asp Ile Ser Leu Asp Leu Asp Asn Leu Asn
                                120
                                                    125
           115
136 Leu Asp Asp Leu Pro Asp Glu Asn Ser Leu Asp Ile Asn Ser Glu Gly
                                                140
       130
                            135
139 Met Glu Asp Leu Ser Phe Asp Asp Asp Ala Gln Asp Asp Asn Ala Asn
                        150
                                            155
140 145
142 Lys Thr Leu Glu Thr Gln Asn Leu Glu His Glu Thr Ile Lys Glu Gln
                                        170
                   165
145 Thr Gln Glu Asp Thr Gln Ile Asp Leu Asp Leu Thr Leu Glu Asp Gly
                                    185
                180
146
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RAW SEQUENCE LISTING DATE: 04/18/2001 PATENT APPLICATION: US/09/820,843 TIME: 07:35:07

Input Set : A:\ES.txt

Output Set: N:\CRF3\04182001\I820843.raw

```
148 Glu Ser Glu Lys Glu Asp Leu Ser Gln Glu His Thr Ala Leu Asp Thr
                           200
149 195
151 Glu Pro Ser Leu Asp Glu Leu Asp Asp Lys Asn Asp Glu Asp Leu Glu
                                         220
152 210 215
154 Ile Lys Glu Asp Asp Lys Asn Glu Glu Ile Glu Lys Gln Glu Leu Leu
                    230
                                     235
157 Asp Asp Ser Lys Thr Asn Thr Leu Glu Met Gln Glu Glu Leu Ser Glu
             245
                                  250
160 Ser Gln Asp Asp Asn Ser Asn Lys Thr Leu Glu Thr Gln Asn Leu Glü
                              265
             260
163 His Asp Asn Leu Glu Gln Glu Thr Ile Lys Glu Gln Thr Gln Glu Asp
                           280
                                            285
164 275
166 Thr Gln Ile Asp Leu Asp Leu Thr Leu Glu Asp Gly Glu Ser Glu Lys
167 290
                                        300
                       295
169 Glu Asp Leu Ser Gln Glu His Thr Ala Leu Asp Thr Glu Pro Ser Leu
                                     315
                   310
172 Asp Glu Leu Asp Asp Lys Asa Asp Glu Asp Leu Glu Asp Asn Lys Glu
                325
                                 330
175 Leu Gln Ala Asn Ile Ser Asp Phe Asp Asp Leu Pro Glu Val Glu Glu
                                       350
                              345
176 340
178 Gln Glu Lys Glu Met Asp Phe Asp Asp Leu Pro Glu Asp Ala Glu Phe
                                            365
179 355
                          360
181 Leu Gly Gln Ala Lys Tyr Asn Glu Glu Ser Glu Glu Asn Leu Glu Glu
182 370
                      375
184 Phe Ala Pro Val Val Glu Glu Asp Ile Gln Asp Glu Ile Asp Asp Phe
185 385 390
                                     395
187 Ala Ser Asn Leu Ser Thr Gln Asp Gln Ile Lys Glu Glu Leu Ala Gln
                                 410
188 405
190 Leu Asp Glu Leu Asp Tyr Gly Ile Asp Ser Asp Asn Ser Ser Lys Val
                           425 430
191 420
193 Leu Glu Asp Phe Lys Asp Glu Pro Ile Leu Asp Asp Lys Glu Leu Gly
194 435
                          440
                                            445
196 Thr Asn Glu Glu Glu Val Val Pro Asn Leu Asn Ile Ser Asp Phe
197 450
                       455
199 Asp Thr Leu Lys Glu Ser Asp Ile Gln Glu Ala Leu Gly Glu Glu Ile
                                     475
                    470
202 Leu Glu Lys Asn Glu Glu Prc Ile Val Ser Asp Val Thr Lys Asp Asp
                                  490
                 485
205 Asn Ser Glu Glu Ile Val Asn Glu Leu Ser Gln Ser Ile Ala Gly Ala
                              505
206 500
208 Ile Thr Ser Ser Ile Lys Asp Asp Thr Leu Lys Ala Ala Leu Lys Gly
                                 525
209 515
                          520
211 Met Asn Met Asn Ile Asn Ile Asn Ile Ser Phe Lys Glu Asp
                        535
       530
214 <210> SEQ ID NO: 5
215 <211> LENGTH: 172
216 <212> TYPE: PRT
217 <213> ORGANISM: C. pneumoniaeCWL029
219 <220> FEATURE:
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RAW SEQUENCE LISTING DATE: 04/18/2001 PATENT APPLICATION: US/09/820,843 TIME: 07:35:07

Input Set : A:\ES.txt

Output Set: N:\CRF3\04182001\I820843.raw

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221 <223> OTHER INFORMATION: histone like protein 2
224 <220> FEATURE:
225 <221> NAME/KEY: misc_feature
226 <223> OTHER INFORMATION: gi|4376663
229 <400> SEQUENCE: 5
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232 1
234 Ala Val Arg Lys Pro Ala Lys Lys Val Ala Ala Lys Arg Thr Val Lys
                                   25
               20
235
237 Lys Ala Thr Val Arg Lys Thr Ala Val Lys Lys Pro Ala Val Arg Lys
                               40
           3.5
240 Thr Ala Ala Lys Lys Thr Val Ala Lys Lys Thr Thr Ala Lys Arg Thr
                                               60
241 50
243 Val Arg Lys Thr Val Ala Lys Lys Pro Ala Val Lys Lys Val Ala Ala
                                           75
                       70
246 Lys Arg Val Val Lys Lys Thr Val Ala Lys Lys Thr Thr Ala Lys Arg
                                       90
                   85
249 Ala Val Arg Lys Thr Val Ala Lys Lys Pro Val Ala Arg Lys Thr Thr
               100
                                   195
252 Val Ala Lys Gly Ser Pro Lys Lys Ala Ala Ala Cys Ala Leu Ala Cys
                                                   125
                               120
     115
253
255 His Lys Asn His Lys His Thr Ser Ser Cys Lys Arg Val Cys Ser Ser
                                              140
                           135
    130
258 Thr Ala Thr Arg Lys His Gly Ser Lys Ser Arg Val Arg Thr Ala His
                      150
259 145
261 Gly Trp Arg His Gln Leu Ile Lys Met Met Ser Arg
                   165
262
264 <210> SEQ ID NO: 6
265 <211> LENGTH: 63
266 <212> TYPE: PRT
267 <213> ORGANISM: C. trachomatis
269 <220> FEATURE:
270 <221> NAME/KEY: misc_feature
271 <223> OTHER INFORMATION: hypothetical protein-possible frameshift with CT593
274 <220> FEATURE:
275 <221> NAME/KEY: misc_feature
276 <223> OTHER INFORMATION: gil3522902
279 <400> SEQUENCE: 6
281 Met Phe Thr Leu Phe Leu Cys Glu His Leu Leu Thr Asn Ile Leu Ala
282 1
                                        10
284 Ser Ser Phe Leu Ala Lys Ser Gli Gly Phe Ile Thr Leu Val Asn Leu
                20
                                    25
287 Phe His Lys Ile Pro Gly Leu Lys Val Ile Glu Ile Thr Cys Leu Ala
                               40
288 35
290 Leu Pro Leu Gly Ile His Ser 1le Ile Gly Phe Ser Tyr Leu Leu
291 50
293 <210> SEQ ID NO: 7
294 <211> LENGTH: 203
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RAW SEQUENCE LISTING DATE: 04/18/2001
PATENT APPLICATION: US/09/820,843 TIME: 07:35:07

Input Set : A:\ES.txt

Output Set: N:\CRF3\04182001\1820843.raw

295 <212> TYPE: PRT 296 <213> ORGANISM: C. trachomatis 298 <220> FEATURE: 299 <221> NAME/KEY: misc_feature 300 <223> OTHER INFORMATION: histone like protein 2 303 <220> FEATURE: 304 <221> NAME/KEY: misc_feature 305 <223> OTHER INFORMATION: gi|3328438 308 <400> SEQUENCE: 7 310 Met Asn Met Leu Gly Val Gln Lys Lys Cys Ser Thr Arg Lys Thr Ala 5 10 313 Ala Arg Lys Thr Val Val Arg Lys Pro Ala Ala Lys Lys Thr Ala Ala 20 25 316 Lys Lys Ala Pro Val Arg Lys Val Ala Ala Lys Lys Thr Val Ala Arg 317 35 40 319 Lys Thr Val Ala Lys Lys Thr Val Ala Ala Arg Lys Pro Val Ala Lys 55 322 Lys Ala Thr Ala Lys Lys Ala Pro Val Arg Lys Val Ala Ala Lys Lys 75 70 325 Thr Val Ala Arg Lys Thr Val Ala Lys Lys Thr Val Ala Ala Arg Lys 90 85 328 Pro Val Ala Lys Lys Ala Thr Ala Lys Lys Ala Pro Val Arg Lys Ala 110 100 105 331 Val Ala Lys Lys Thr Val Ala Arg Lys Thr Val Ala Lys Lys Thr Val 115 120 125 334 Ala Ala Arg Lys Pro Val Ala Lys Arg Val Ala Ser Thr Lys Lys Ser 140 335 130 135 337 Ser Ile Ala Val Lys Ala Gly Val Cys Met Lys Lys His Lys His Thr 150 155 340 Ala Ala Cys Gly Arg Val Ala Ala Ser Gly Val Lys Val Cys Ala Ser 170 165 343 Ala Ala Lys Arg Lys Thr Asn Pro Asn Arg Ser Arg Thr Ala His Ser 185 344 180 346 Trp Arg Gln Gln Leu Met Lys Leu Val Ala Arg 195 347 349 <210> SEQ ID NO: 8 350 <211> LENGTH: 372 351 <212> TYPE: PRT 352 <213> CRGANISM: H. influenzae 354 <220> FEATURE: 355 <221> NAME/KEY: misc_feature 356 <223> OTHER INFORMATION: outer membrane integrity protein (tolA) 359 <220> FEATURE: 360 <221> NAME/KEY: misc_feature 361 <223> OTHER INFORMATION: gi|1573353 364 <400> SEQUENCE: 8 366 Met Gln Asn Asn Arg Gln Lys Lys Gly Ile Asn Ala Phe Ala Ile Ser 367 1 369 Ile Leu Leu His Phe Ile Leu Phe Gly Leu Leu Ile Leu Ser Ser Leu

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<210>
      32
<211> 497
      PRT
<212>
      B. burgdorferi
<213>
<220>
<221> misc feature
<223> predicted coding region BB0553
<220>
      misc feature
<221>
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                                     10
Cys Ile Ser Leu Phe Gly Ala Asn Asn Asn Thr Ile Ser Tyr Ser Ser
                                                                     only the
enored
portion of
Seguence 32
Shown
Ile Glu Ile Pro Leu Glu Asp Leu Ser Glu Glu Phe Lys Ser Ser Gly
Asn Lys-Ser Asp Gln Ile Asn Thr Ser Lys His Leu Asn Lys Asn Ile
Val Ser Tyr Glu Asp Pro Lys Lys Gly Lys Asp Leu Lys Leu Pro Glu
Asn Ile Arg Asp Lys Lys Leu Pro Gln Lys Arg Met Asp Glu Asn Asp
Leu Lys Ser Val Ile Glu Asn Tyr Glu Asn Lys Ile Lys Asn Ile Glu
                                 105
Lys Leu Leu Lys Thr Lys Asn Gln Lys Thr Ser Glu Asn Glu Asn Lys
Lys Ile Glu Ser Ile Glu Lys Lys Ala Lys Lys Tyr Glu Ile Leu Thr
                         135
Asn Lys Leu Lys Asn Glu Ile Val Glu Ile Lys Lys Leu Leu Asn Lys
                     150
Lys Ile Lys Pro Lys Glu Asp Glu Asn Tyr Glu Lys Ile Asn Ile Glu
                 165
Asn Ile Glu Glu Glu Thr Asp Asp Phe Glu Asp Asn Tyr Glu Tyr
                                 185
Asn Asp Glu Ile Glu/Xaa Thr Asn Glu Asp Asn Tyr Pro Ser Asn Glu
                                                  205
                             200
        195
Gly Ile Ile Asn Asn Leu Lys Glu Asn Leu Asn Glu Asn Glu Lys Tyr
```

Please Note:

Use f n and/ r Xaa have been detected in the Sequenc Listing. Please review the Sequenc Listing to nsure that a corresponding explanation is presented in th <220> to <223> fields f each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/820,843

DATE: 04/18/2001 TIME: 07:35:08

Input Set : A:\ES.txt

Output Set: N:\CRF3\04182001\1820843.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:20 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1 L:25 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1 L:2886 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:32

L:2886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 L:4688 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:66

L:4688 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Samir Kumar BRAHMACHARI et al.

Appln. No.: 09/820,843

Group Art Unit: Not Yet Assigned

Filed: March 30, 2001

Examiner: Not Yet Assigned

Confirmation number: 7045

For: A COMPUTATIONAL METHOD FOR THE IDENTIFICATION OF CANDIDATE

PROTEINS USEFUL AS ANTI-INFECTIVES

STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825

Assistant Commissioner for Patents Washington, D.C. 20231

Box SEQUENCE

Sir:

In connection with a Sequence Listing submitted concurrently herewith, the undersigned hereby states that:

- 1. the submission, filed herewith in accordance with 37 C.F.R. § 1.821(g), does not include any new matter;
- 2. the content of the attached paper copy and the attached computer readable copy of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same; and
- all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by

. 1

STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825

fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent resulting therefrom.

Respectfully submitted,

Drew Hissong

Registration No. 44,765

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Washington, D.C. 20037-3213 Telephone: (202) 293-7060 Facsimile: (202) 293-7860

Date: May 18, 2001